url to hit

<http://3.110.106.50:8000>

use different charts and put on single page the arrangement u only decide

route /sentiment\_analysis get request

fields in data are

1. monthly\_average\_sentiment
2. monthly\_sentiment\_count contains subfiels like month number and monthly count
3. overall\_avg\_sentiment
4. overall\_sentiment\_count
5. yearly\_average\_sentiment
6. status

eg response

{

"data": {

"monthly\_average\_sentiment": {

"month": [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12],

"avg\_sentiment": [

"positive",

"excellent",

"excellent",

"positive",

"positive",

"excellent",

"positive",

"positive",

"excellent",

"positive",

"positive",

"positive"

]

},

"monthly\_sentiment\_count": {

"1": {

"sentiment": [

"excellent",

"neutral",

"very negative"

],

"monthly\_count": [11, 1, 2]

},

"2": {

"sentiment": [

"excellent",

"very negative"

],

"monthly\_count": [16, 1]

},

"3": {

"sentiment": [

"excellent",

"negative",

"neutral",

"positive"

],

"monthly\_count": [31, 1, 1, 6]

},

"4": {

"sentiment": [

"excellent",

"negative",

"neutral",

"positive",

"very negative"

],

"monthly\_count": [17, 3, 2, 2, 3]

},

"5": {

"sentiment": [

"excellent",

"negative",

"neutral",

"positive",

"very negative"

],

"monthly\_count": [20, 1, 1, 4, 2]

},

"6": {

"sentiment": [

"excellent"

],

"monthly\_count": [5]

},

"7": {

"sentiment": [

"excellent",

"negative",

"positive",

"very negative"

],

"monthly\_count": [17, 1, 1, 3]

},

"8": {

"sentiment": [

"excellent",

"negative",

"positive",

"very negative"

],

"monthly\_count": [5, 1, 2, 1]

},

"9": {

"sentiment": [

"excellent",

"positive"

],

"monthly\_count": [17, 3]

},

"10": {

"sentiment": [

"excellent",

"negative",

"very negative"

],

"monthly\_count": [8, 1, 1]

},

"11": {

"sentiment": [

"excellent",

"positive",

"very negative"

],

"monthly\_count": [6, 2, 2]

},

"12": {

"sentiment": [

"excellent",

"neutral",

"positive",

"very negative"

],

"monthly\_count": [14, 1, 1, 2]

}

},

"overall\_avg\_sentiment": "positive",

"overall\_sentiment\_count": {

"sentiment": [

"neutral",

"negative",

"very negative",

"positive",

"excellent"

],

"sentiment\_count": [6, 8, 17, 21, 167]

},

"yearly\_average\_sentiment": {

"year": [2022, 2023, 2024],

"avg\_value": [

"excellent",

"positive",

"positive"

]

}

},

"status": 200

}

Route /reviews post request

Json body

{

    "sentiment\_type":"very negative"

}

A screenshot of a computer

Description automatically generated